

Date: Friday, 27/02/2009 11:38:05 AM  
 User: Chantal Lavoie

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: CLAMP
Job Number	: 46113		
Estimate Number	: 10267		
P.O. Number	:	Part Number	: D2438
This Issue	: 27/02/2009 S.O. No. :	Drawing Number	: D2438 REV. C
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / / Type : PURCHASED PARTS	Drawing Revision	: C
Previous Run	: 43840	Material	:
Written By	: <u>CL 09/02/27</u>	Due Date	: 18/03/2009 Qty: 200 Um: Each
Checked & Approved By	: <u>CL 09/02/27</u>		
Comment	: Est: E 05.06.28 Bending removed KJJ/JLM		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING

Issue P/O: 8292~~Laser cut~~ as per Dwg D2438

Material release note is required

GFI

CL 09/02/27

(200)

2.0	D2438B	Clamp
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 200.0000 Each(s)  
 CLAMP

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

Recieve &amp; Inspect for Transit Damage

Ensure Material Release Note is attached

CL 09/03/27 (200)

4.0	QC6	DIMENSIONAL CHECK
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Comment: DIMENSIONAL CHECK

Inspect dimensions as per Dwg D2438  
 (6.786" center to center)

CL 09/03/27

counters

(4700)

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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Comment: SMALL &amp; MEDIUM FAB RESOURCE 1

Tumble &amp; Deburr any rough edges

BQ-4-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Friday, 27/02/2009 11:38:06 AM  
User: Chantal Lavoie

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CLAMP

Job Number: 46113

Part Number: D2438

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

5 09/04/08 (x24) *count*

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST456

88 09/04/29 x200

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/04/29 *MF*

Job Completion



*MF* 09-04-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

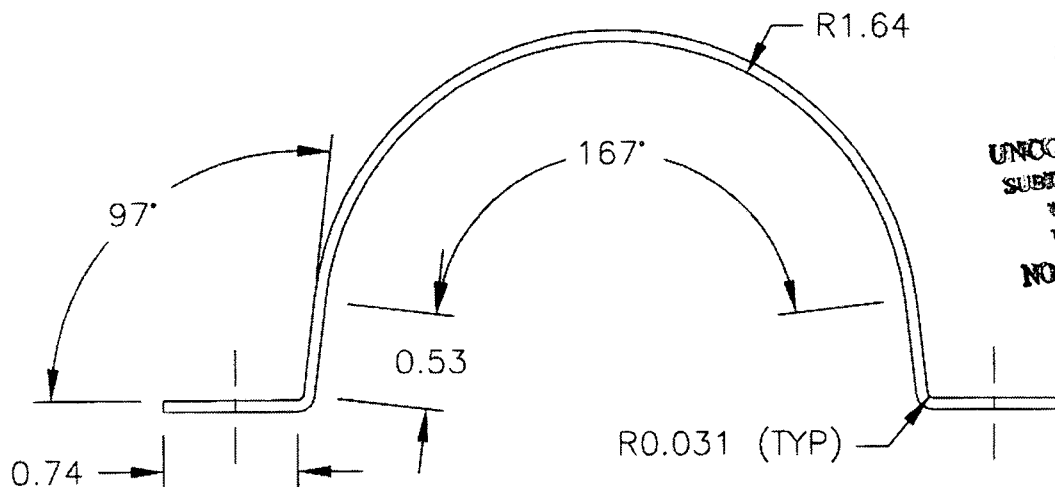
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

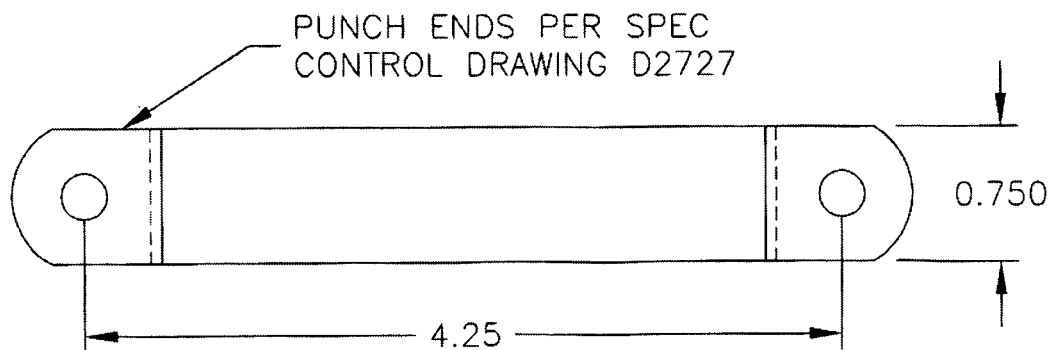


DESIGN <i>KE</i>	DRAWN BY <i>KE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>MD</i>	APPROVED <i>MD</i>	DRAWING NO. D2438	REV. C SHEET 1 OF 1
DATE 98.05.12		TITLE CLAMP	SCALE 1:1
A	96.01.24	NEW ISSUE	
B	96.05.13	CHANGE LENGTH	
C	98.05.12	R1.64 WAS R1.438, CHANGE GEOMETRY	

RELEASED  
19.00.17 KB



THIS COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 46113



FLAT LENGTH: 7.586 END-END  
6.786 HOLE-HOLE

MATERIAL: AISI 304/316 SS 0.063 THICK

MINIMUM REQUIREMENT IS ANNEALED CONDITION

*fit to do it  
if possible*



180 AVENUE LABROSSE  
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1  
TÉL.: (514) 630-4877 - FAX: (514) 630-4849



# BON DE LIVRAISON - SHIPPING MEMO

DATE DE LIVRAISON SHIPPING DATE	N° BON DE LIVRAISON SHIPPING MEMO NO.
2009/03/17	0415629

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

VE NDU À / SOLD TO

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

CODE DE CLIENT CUSTOMER CODE		N° DE CONTRAT JOB NO.	N° COMMANDE PO NO.	VIA SHIP VIA
DART GFI-0299		J0198193	PO00008292	
QUANTITÉ QUANTITY	VOTRE N° DE PIÈCE YOUR PART NO.	DESCRIPTION		
200	D2438B	CLAMP CUT&FORMED CERTIFICATE OF CONFORMANCE REQ  S 02/03/24		

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE RÉCEPTION  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

RECU PAR / RECEIVED BY

# CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 20 OUR JOB NO J0198193 SHIPPING MEMO 0415629

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>—</u>	<u>200 PCS</u>	<u>PO00008292</u>	<u>D2438B</u>	<u>C</u>	<u>CLAMP</u>	<u>C</u>

MATERIAL S.S.T 304 SUPPLIED BY TW METALS / NORTH AMERICAN MAT. REL. NO. 3TT0 *02/3/24*

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>CONFORMS</u>
2			
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 18 MARCH 2009

G.F.I. Q.C. REP. *Robert Hald*



**DP12-001 REV 0 Bombardier Certificate of Compliance  
TW Metals District Procedure**

Revision: 0

Revision Date: 04-03-00

Superseding: Initial

Page: 1 of 1

**CERTIFICATE OF COMPLIANCE****FRAUD AND FALSIFICATION STATEMENT**

The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law. Title 18 chapter 47.

**CERTIFICATE OF COMPLIANCE**

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

**MERCURY FREE STATEMENT**

We certify that mercury, radium, or alpha bearing instruments and / or equipment which might cause contamination have not been used in the manufacture, fabrication, assembly or testing of any material supplied by TW Metals Inc. Switches, glass thermometers, standard cell and other items containing the above elements may be used, but they will be located so as not to constitute a contamination hazard.

CUSTOMER NAME: GFIPURCHASE ORDER No. 0075310ITEM No. 0001SHIPPER INVOICE No. 03245860MATERIAL: 304-2BSPECIFICATION: ASTM A 240MANUFACTURING MILL: North American StainlessSIZE: 0602HEAT / LOT No. 3TT0PART No. TS06348X964AQUANTITY: 2 EATEST DEPARTMENT CLERK Amy Davis

AUTHORITY

Joe Schab  
Director of Quality Assurance



Authorized Signature  
  
 Lynne Harger

36 X 96  
 P.O.: P0009225  
 Sales#: 01116420  
 QTY: 5

Size: 304L ANN .060-.066 AMS 5511  
 Customer: TW Metals Pick Up  
 Heat: 3TT0  
 Shipped: 09/18/08 M49202153



NORTH AMERICAN  
 STAINLESS

Certificate: 392189 03

Customer: 001B 001

## METALLURGICAL TEST REPORT

6870 Highway 42 East  
 Ghent, KY 41045-9615  
 (502) 347-6000

Date: 4/03/2008 Page: 1

Steel: 302/304/304L

Finish: 2B

Corrosion: ASTM A262/62A; 160Sand-OK

Your Order: 01012012

NAS Order: AN 0391527 01

### PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, COLD ROLLED, ANNEALED AND PICKLED.  
 ASTM A240/07, 480/06B, 666/03, ASME SA240/04-A05, 480/04-A05, SA666/04  
 Q3770-AXXG PRM, AMS 5511H/5513H/5516P, AND 3.1 CRWN MARKS

### REMARKS:

Mat'l Free of Mercury Contamination. No weld repairs.  
 EN 10204 3.1; Q3770 Cond A; RoHS Compliant  
 • Melted & Manufactured in the USA

Product ID #	Coil #	Thickness	Width	Weight	Length	Mark	Plates	COMMODITY CODE
043770 B	043770 B	.0620	36.0000	29.360 COIL	2561.4	31	1	

Sellers 124

### CHEMICAL ANALYSIS

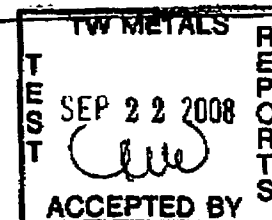
CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa)

Heat	CR	C	CH	CU	NI	MO	N	MT	P	S	SI
3TT0		.0216	18.2164	.4119	1.0021	.3726	.0700	9.1669	.0150	.0021	.2511

### MECHANICAL PROPERTIES

Product ID #	Coil #	T	YS	UTS	ELONG	Hard	Tell
043770 B	043770	7 T	96.55	51.20	48.57	88.00	88.00

REVIEWED BY Q.C.  
 Date 4/18/08 By 



NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

4/17/2008